

FIG. 1

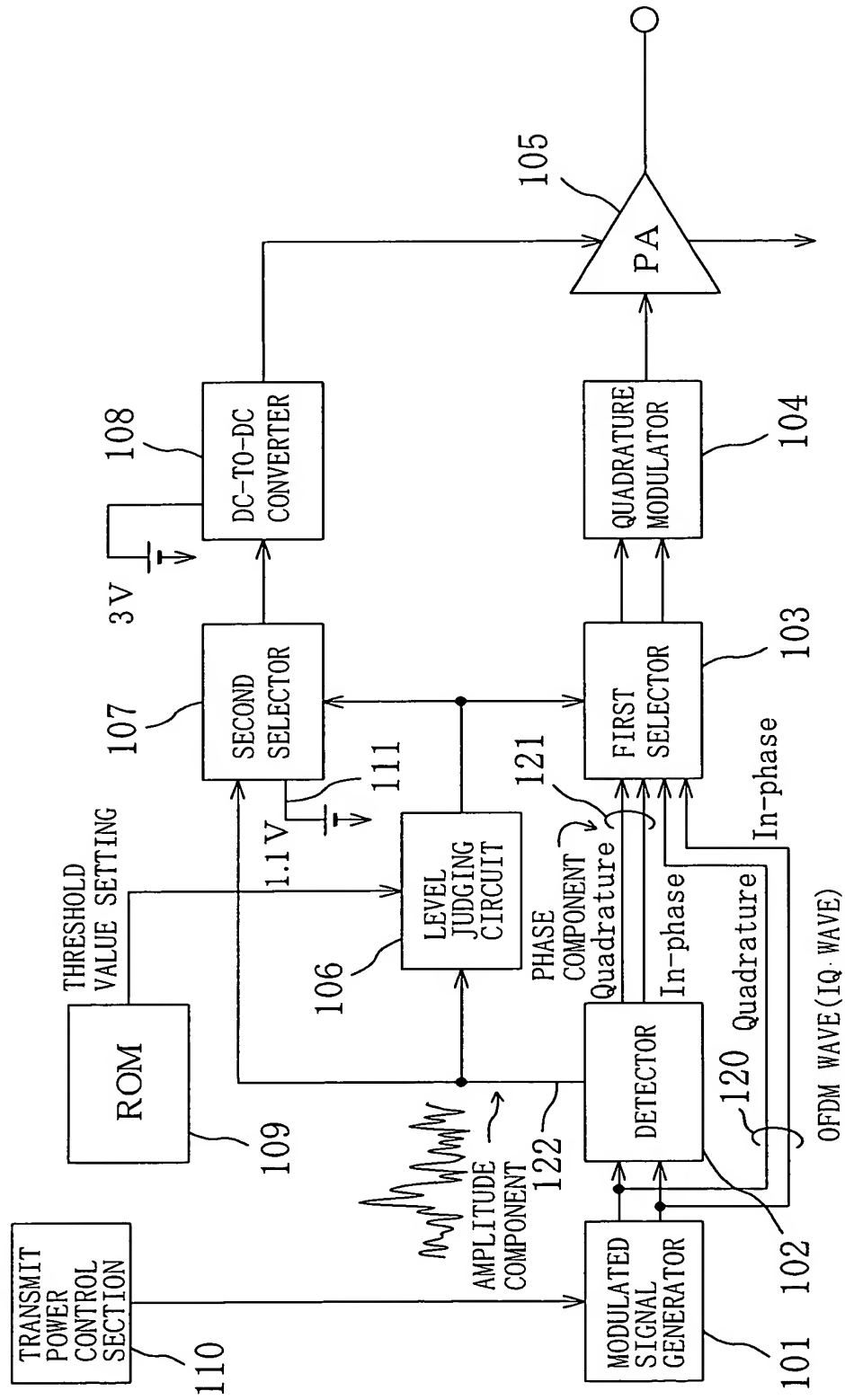


FIG. 2

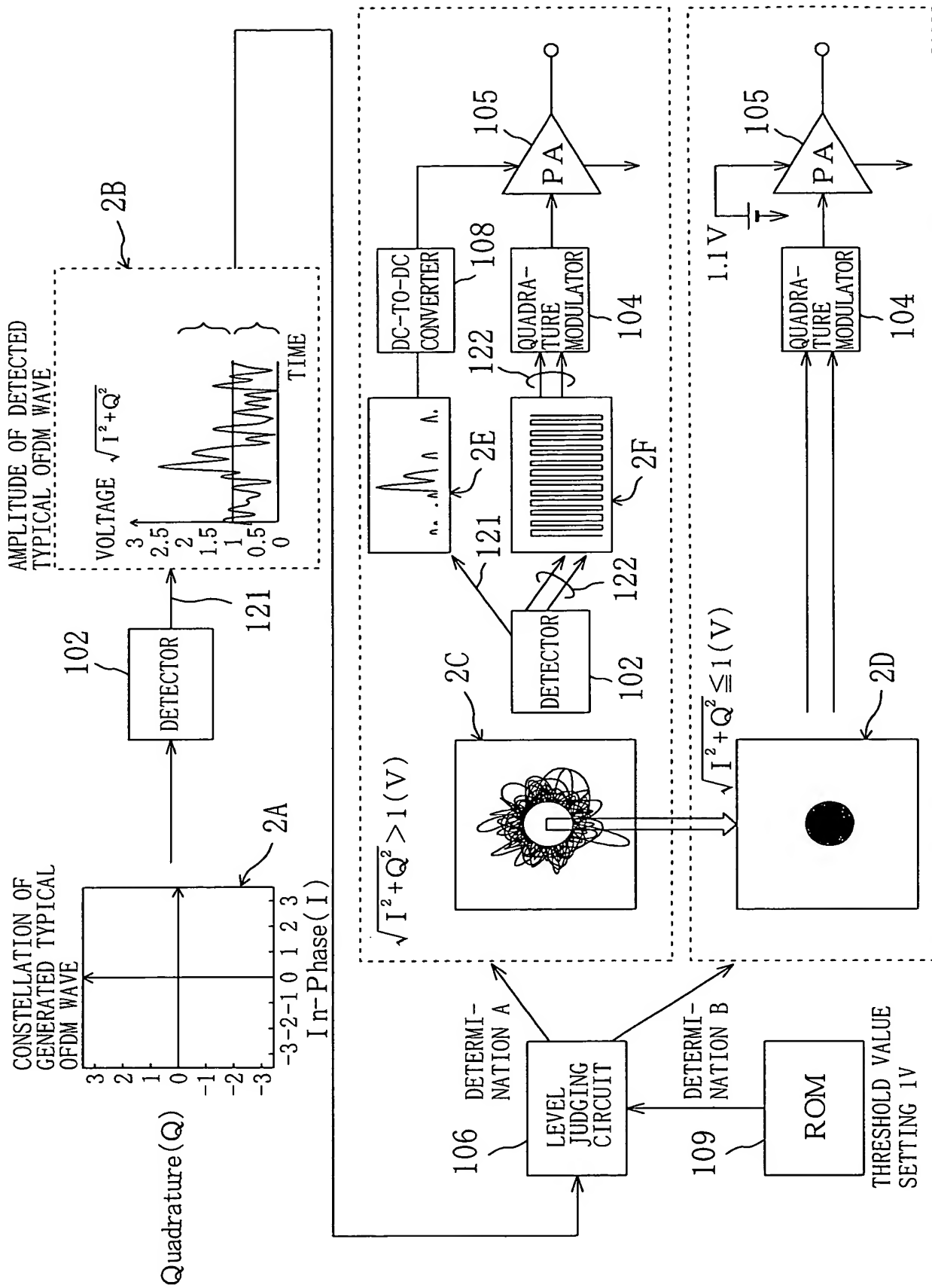


FIG. 3A

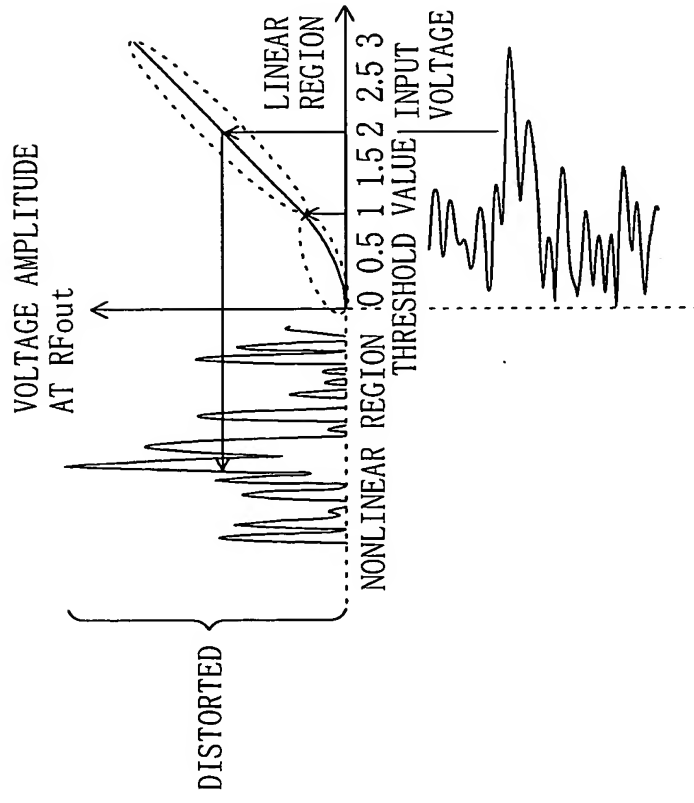
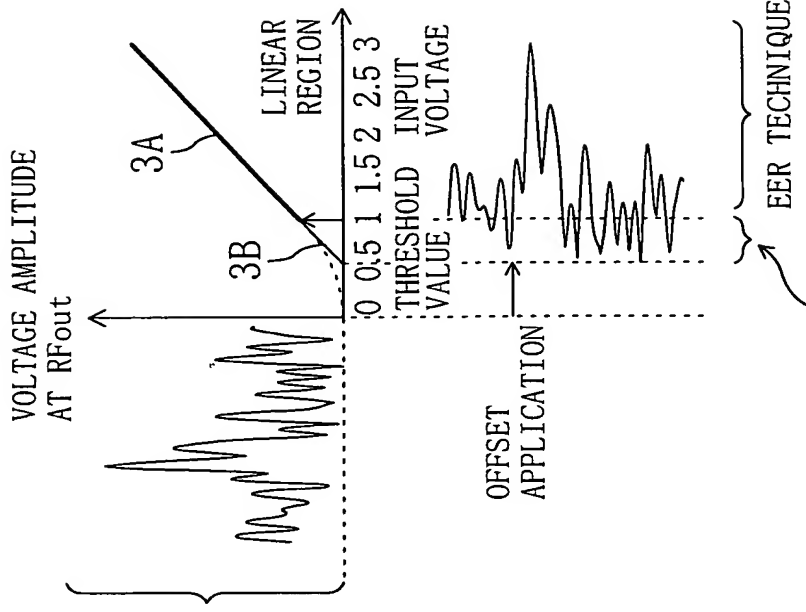


FIG. 3B



Constant voltage is applied to collector when amplification is in this voltage range.

FIG. 4

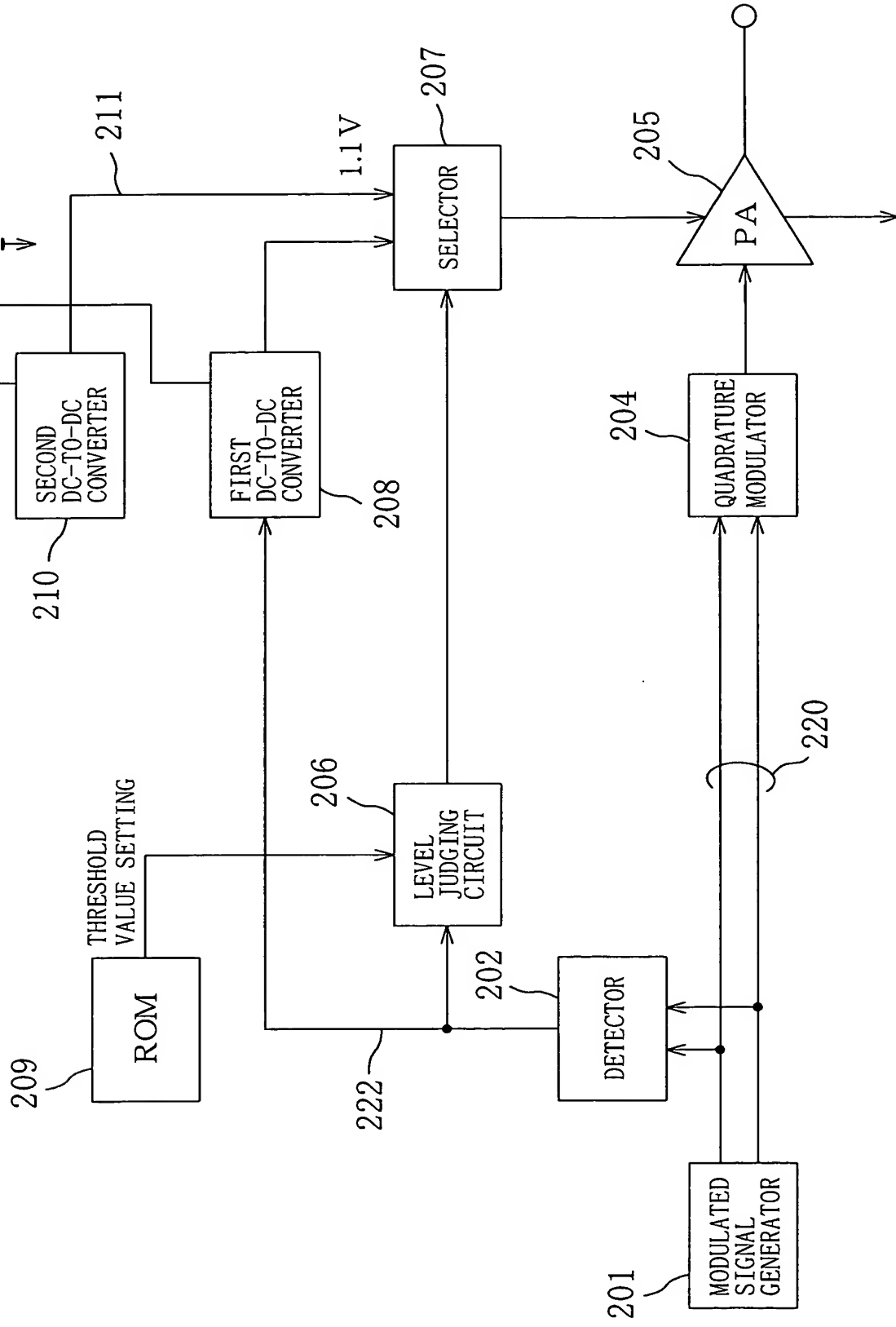


FIG. 5

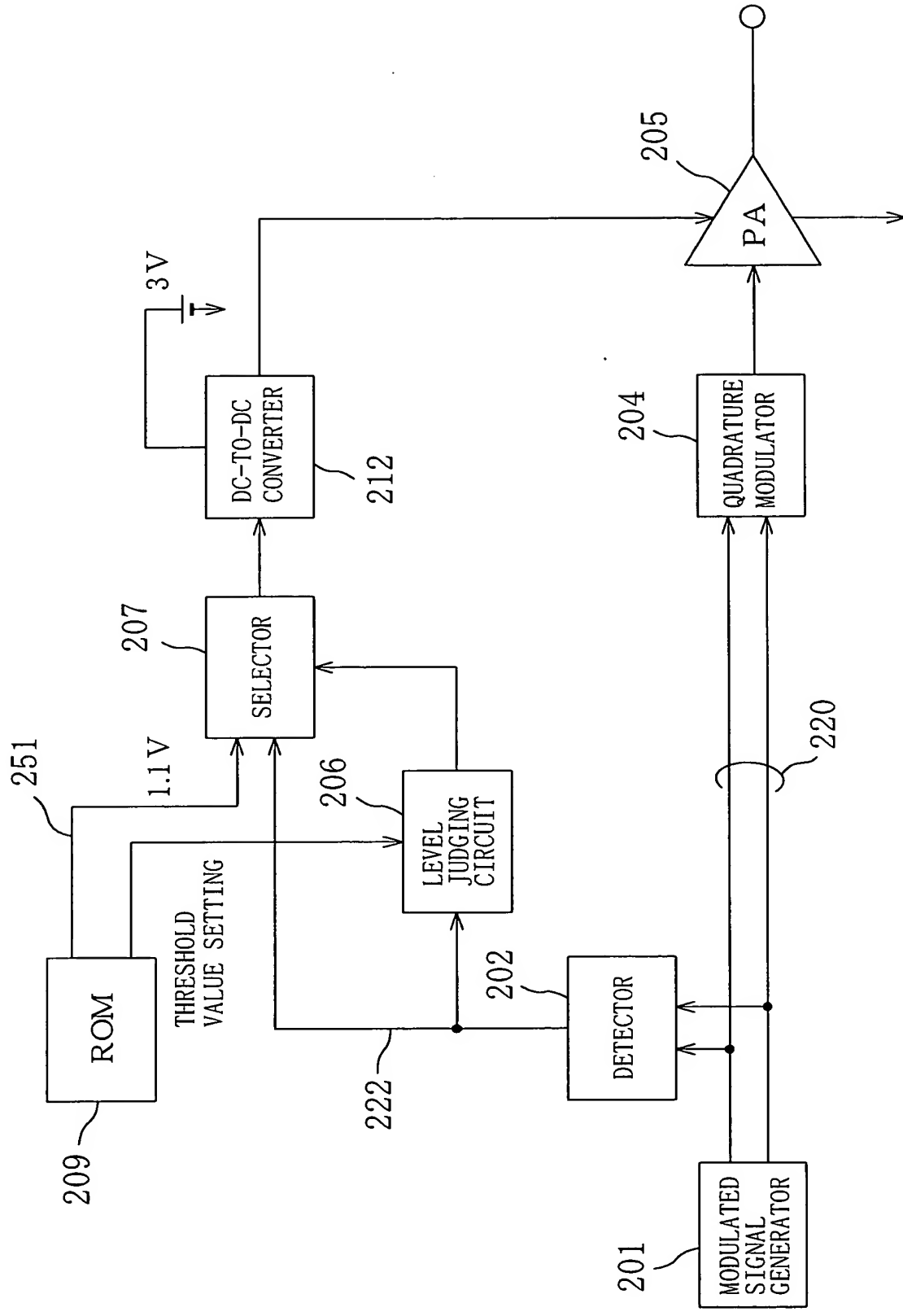


FIG. 6

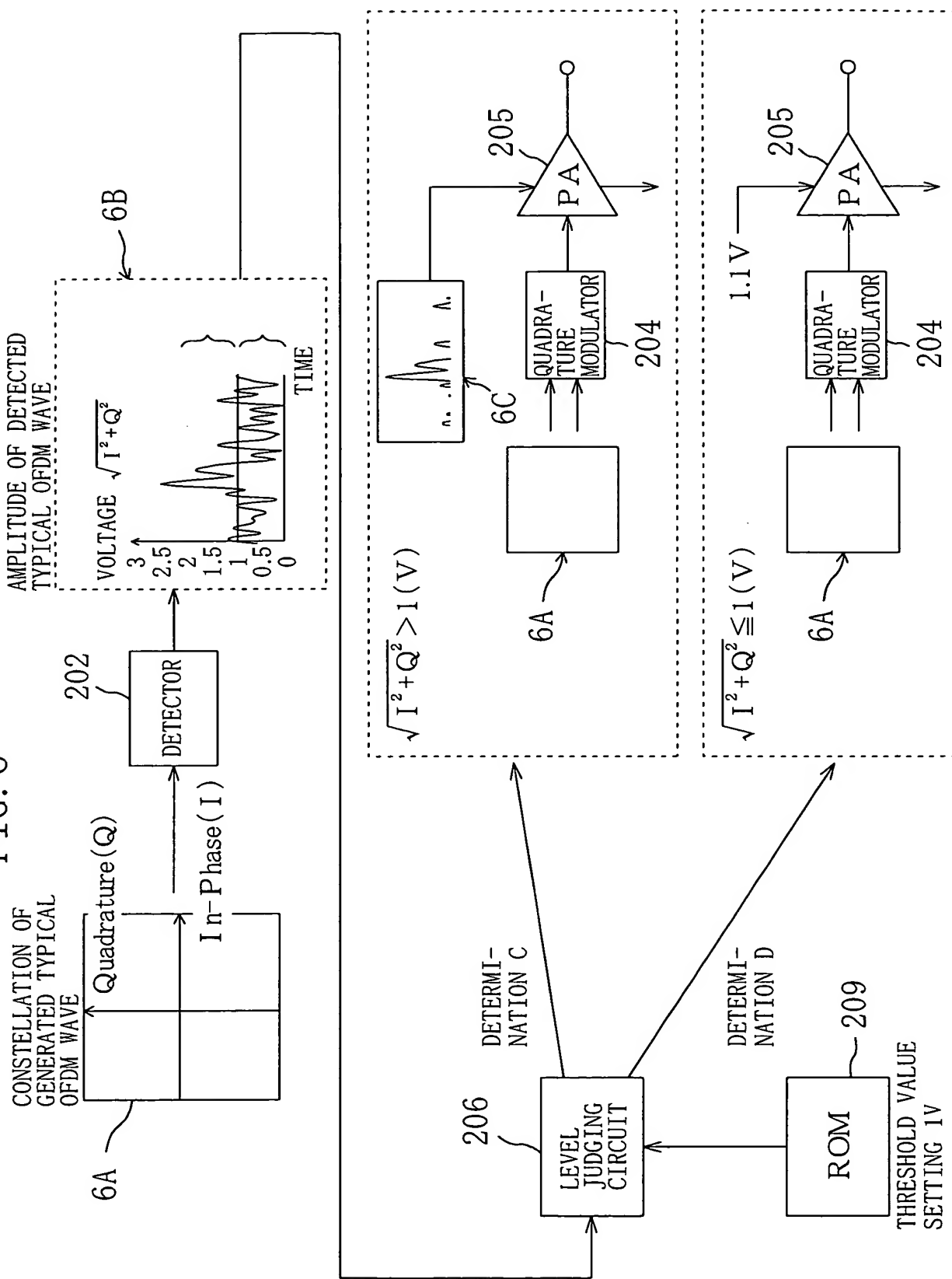


FIG. 7A

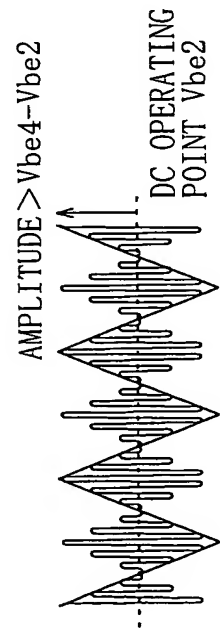


FIG. 7B

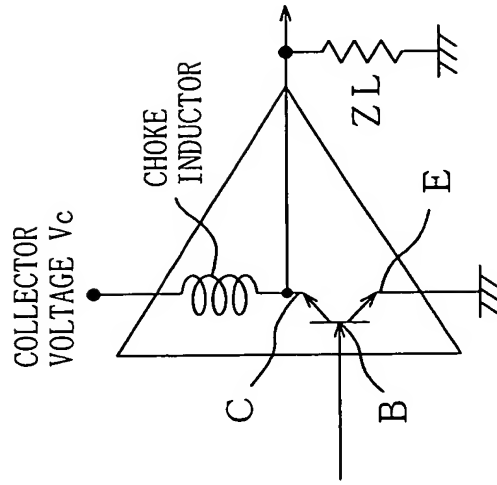


FIG. 7C

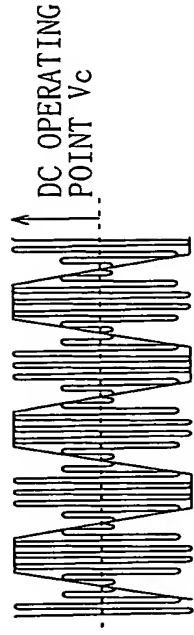


FIG. 7D

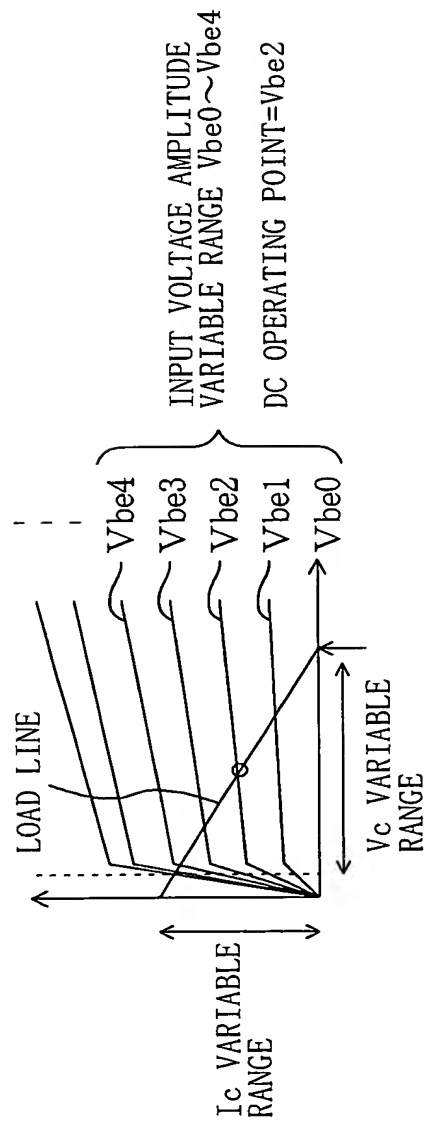


FIG. 8  
PRIOR ART

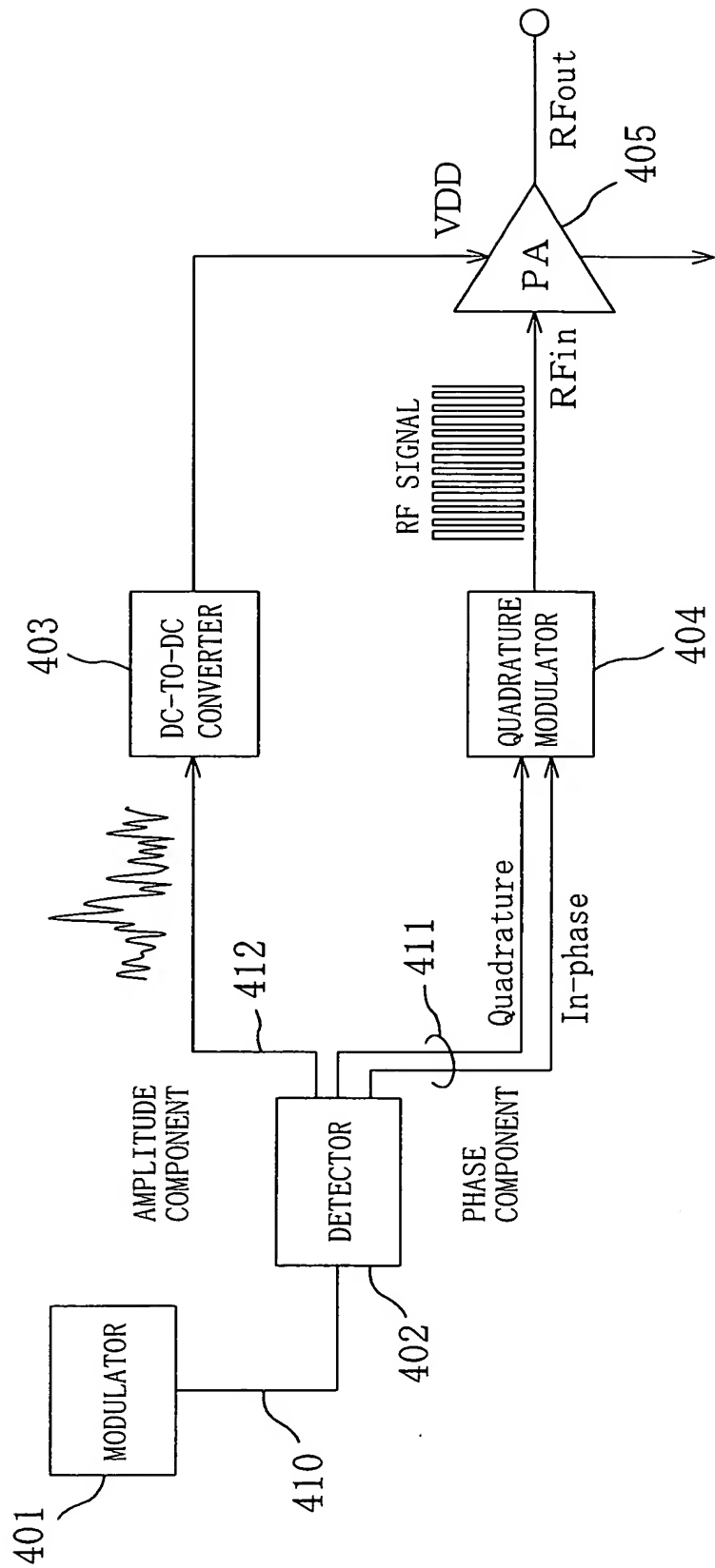




FIG. 9A  
PRIOR ART

AMPLITUDE OF VOLTAGE  $V_{in}$   
INPUT TO VDD

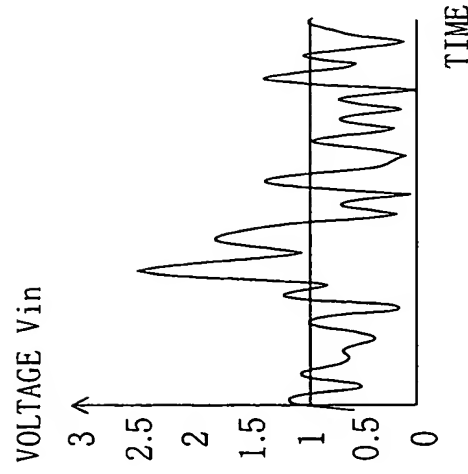


FIG. 9B  
PRIOR ART

PA RESPONSE CHARACTERISTIC

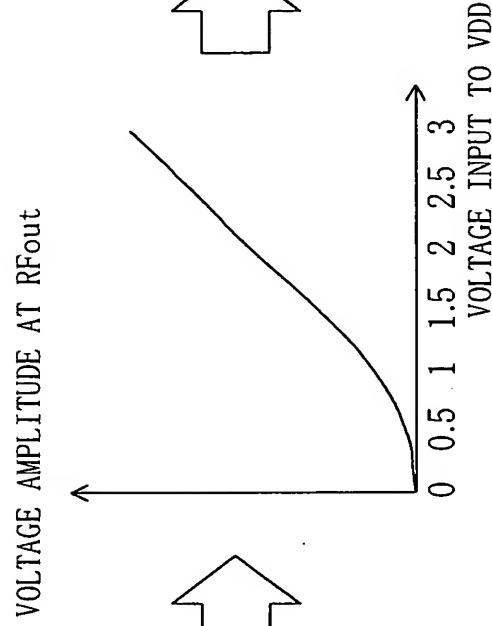


FIG. 9C  
PRIOR ART

VOLTAGE AMPLITUDE AT  $RF_{out}$

